

Title (en)
PROGRAMMABLE CONTROLLER AND SEQUENCE CONTROL METHOD

Publication
EP 0539115 A3 19941109 (EN)

Application
EP 92309459 A 19921016

Priority
JP 27744791 A 19911024

Abstract (en)
[origin: EP0539115A2] The present specification discloses a programmable controller which comprises bit operation memory for storing a mixed instruction inclusive of the mixture of bit operation instructions and word operation instructions in order of execution; a word operation memory for storing the word operation instructions in said mixed instruction in order of execution; a bit operation processor for outputting a start command for a word operation instruction when recognizing that word operation instruction read from said bit operation memory subsequently to the execution of the bit operation instruction; and a microprocessor for receiving said word operation start command to execute said word operation instruction stored in said word operation memory. <IMAGE>

IPC 1-7
G06F 9/30

IPC 8 full level
G05B 19/05 (2006.01); **G06F 9/318** (2006.01); **G06F 9/38** (2006.01)

CPC (source: EP US)
G05B 19/052 (2013.01 - EP US); **G06F 9/30018** (2013.01 - EP US); **G06F 9/30145** (2013.01 - EP US); **G06F 9/30181** (2013.01 - EP US); **G06F 9/3877** (2013.01 - EP US); **G06F 9/3879** (2013.01 - EP US); **G06F 9/3885** (2013.01 - EP US)

Citation (search report)
• [XY] FR 2646254 A1 19901026 - YOKOGAWA ELECTRIC CORP [JP]
• [X] EP 0174231 A1 19860312 - TELEMECANIQUE ELECTRIQUE [FR]
• [X] FR 2312061 A1 19761217 - SIEMENS AG [DE]
• [A] US 4249248 A 19810203 - YOMOGIDA TOSHIHIKO, et al
• [A] FR 2644912 A1 19900928 - GEN ELECTRIC [US]
• [A] EP 0422246 A1 19910417 - FANUC LTD [JP]
• [Y] PATENT ABSTRACTS OF JAPAN vol. 12, no. 443 (P - 790) 22 November 1988 (1988-11-22)
• [A] PATENT ABSTRACTS OF JAPAN vol. 15, no. 462 (P - 1279) 22 November 1991 (1991-11-22)
• [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 577 (P - 1146) 21 December 1990 (1990-12-21)

Cited by
EP0724220A4; US11376249B2

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
EP 0539115 A2 19930428; EP 0539115 A3 19941109; EP 0539115 B1 20020123; DE 69232371 D1 20020314; DE 69232371 T2 20021114; JP 2848060 B2 19990120; JP H05127710 A 19930525; US 5504930 A 19960402

DOCDB simple family (application)
EP 92309459 A 19921016; DE 69232371 T 19921016; JP 27744791 A 19911024; US 44164695 A 19950515